

## SUMMARY

VACCINE COMPOSITION CONTAINING TRANSFORMING GROWTH FACTOR ALPHA (TGF $\alpha$ ). IT USE IN MALIGNANT DISEASES THERAPY.

5       The present invention relates to the field of immunology and human medicine, in particular with a vaccine preparation able to provoke an immune-castration of self-TGF $\alpha$ .  
10      The object of this invention is to obtain a vaccine composition for the active immunotherapy of malignant tumors that depend of TGF $\alpha$  for its growth. As well as for the treatment of other TGF $\alpha$  depend diseases.  
15      Another important object of this invention is to obtain a vaccine composition containing a combination of TGF $\alpha$  with other EGF-R ligands, such as epidermal growth factor (EGF), able to inhibit the proliferation of tumors whose progression depends on these factors. In that way would be avoided the resistance generated by tumors vaccines containing each molecule for separate, developing tumorigenic phenotype that not depend on the growth factor used in the vaccination.  
20      These vaccine preparations are able to inhibit the proliferation of tumors with the characteristics mentioned before, and in this way to be useful in the treatment of malignant neoplasias. Therefore, the invention is also related with the field of specific active immunotherapy of cancer.

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